

AMENDMENTS TO THE CLAIMS

Please amend the claims as indicated hereafter wherein the changes are shown by strikethrough or double brackets or double brackets for deleted matter and underlining for added matter.

Claims:

1. (Currently amended) A[[n apparatus]] system for filling a tire and wheel assembly with a mixture of reactants for reacting within [[a tire]] said tire and wheel assembly to create a foam-fill within said tire and wheel assembly, comprising:
 - a cart having a work surface for receiving said tire and wheel assembly;
 - a mixer [[mounted to]] associated with the cart for receiving said reactants and creating a mixture of said reactants;
 - supply lines attached to the mixer for delivering said reactants into [[to]] the mixer; and
 - a gas supply line attached to the mixer for delivering gas directly into the mixer to be entrained in said reactants in the mixer, the gas supply line being operable to deliver gas into the mixer while the supply lines are operable to deliver said reactants into the mixer;
 - the mixer including an outlet for injecting the mixture of said reactants and entrained gas into said tire and wheel assembly.
2. (Currently amended) The [[apparatus]] system defined in claim 1, wherein the mixer is a static mixer.
3. (Currently amended) The [[apparatus]] system defined in claim 1, wherein the work surface includes a weight scale for weighing the tire.
4. (Original) The [[apparatus]] system defined in claim 1, wherein the cart includes means for automatically controlling the amount of reactants mixed by the mixer for injection into said tire.

5. (Currently amended) The ~~[[apparatus]]~~ system defined in claim 1, wherein the mixer is designed to mate with a valve stem opening of said tire for injecting the mixture of said reactants and entrained gas into said tire.
6. (Currently amended) The ~~[[apparatus]]~~ system defined in claim 1, further including means for creating a vent hole in said tire for allowing gas to escape from said tire and wheel assembly upon injection of the mixture of said reactants and entrained gas into said tire and wheel assembly.
7. (Currently amended) The ~~[[apparatus]]~~ system defined by claim 1, further including a drill assembly for creating a vent hole in said tire for allowing gas to escape from said tire and wheel assembly upon injection of the mixture of said reactants and entrained gas into said tire and wheel assembly.
8. (Currently amended) The ~~[[apparatus]]~~ system defined by claim 1, wherein the mixer has a mixer head to which the supply lines are attached and a mixer outlet, the gas supply line being attached between the mixer head and the mixer outlet.
9. (Currently amended) An apparatus for filling a tire and wheel assembly with a mixture of reactants for reacting within ~~[[a]]~~ said tire and wheel assembly to create a foam-fill within said tire and wheel assembly, comprising:
 - a cart having a work surface for receiving said tire and wheel assembly;
 - a mixer ~~[[mounted to]]~~ associated with the cart for receiving said reactants and creating a mixture of said reactants;
 - supply lines attached to the mixer for delivering said reactants into ~~[[to]]~~ the mixer; and
 - means attached to the mixer for delivering gas directly into the mixer to be entrained in said reactants in the mixer, the gas supply line being operable to deliver gas into the mixer while the supply lines are operable to deliver said reactants into the mixer;

the mixer including an outlet for injecting the mixture of said reactants and entrained gas into said tire and wheel assembly.

10. (Currently amended) An apparatus for filling a tire and wheel assembly with a mixture of reactants for reacting within [[a]] said tire and wheel assembly to create a foam-fill within said tire and wheel assembly, comprising:

a frame having a work surface for receiving said tire and wheel assembly;

a mixer associated with the frame for receiving said reactants and creating a mixture of said reactants;

supply lines attached to the mixer for delivering said reactants [[to]] into the mixer; and

a gas supply line attached to the mixer for delivering gas directly into the mixer to be entrained in said reactants in the mixer, the gas supply line being operable to deliver gas into the mixer which the supply lines are operable to deliver said reactants into the mixer;

the mixer including an outlet for injecting the mixture of said reactants and entrained gas into said tire and wheel assembly.

11. (New) The apparatus defined in claim 9, wherein the work surface includes a weight scale for weighting the tire.

12. (New) The apparatus defined in claim 9, wherein the mixer has a mixer head to which the supply lines are attached and a mixer outlet, the gas supply line being attached between the mixer head and the mixer outlet.

13. (New) The apparatus defined in claim 10, wherein the work surface includes a weight scale for weighting the tire.

14. (New) The apparatus as defined in claim 10, wherein the mixer has a mixer head to which the supply lines are attached and a mixer outlet, the gas supply line being attached between the mixer head and the mixer outlet.